

PI 536623 to 536625-continued

- PI 536623 **donor id:** PEM S-R-88. **origin:** Spain. **pedigree:** Derived from open pollinated variety Pemir. **other id:** GP-120. **group:** CSR-SUNFLOWER. **remarks:** B-line population with improved seed yield, absence of genes for restoration of male sterility, high oilseed content and potential high yield for use in inbred lines or recurrent selection. Plants unbranched. Maturity and plant type highly variable. Resistant to downy mildew (*Plasmopara halstedii*). Annual. Breeding Material. Seed.
- PI 536624 **donor id:** B-Sin-82. **origin:** Spain. **pedigree:** Synthetic broad based genetic germplasm from 29 high oil content lines and 10 S3 US and Spanish derived lines. **other id:** GP-121. **group:** CSR-SUNFLOWER. **remarks:** B-line population with improved seed yield, absence of genes for restoration of male sterility, high oilseed content and potential high yield for use in inbred lines or recurrent selection. Plants unbranched. Height, maturity and plant type highly variable. Annual. Breeding Material. Seed.
- PI 536625 **donor id:** B-FSS-88. **origin:** Spain. **pedigree:** Derived from B-Sin-82 following 3 cycles of reciprocal full sib selection with restorer population R-FSS-88. **other id:** GP-122. **group:** CSR-SUNFLOWER. **remarks:** B-line population with improved seed yield, absence of genes for restoration of male sterility, high oilseed content for use in inbred lines or recurrent selection. Plants unbranched. Height, maturity and plant type highly variable. Annual. Breeding Material. Seed.

PI 536626 to 536630. *Helianthus annuus* L. ASTERACEAE Sunflower

**Donated by:** Fernandez-M., J., Institute of Agronomy and Protection,, CSIC, Apartado 240, Cordoba, Spain. **remarks:** Developed by the Agricultural Research Center, Cordoba, Spain, and released in 1988. Received December 15, 1989.

- PI 536626 **donor id:** R-Sin-82. **origin:** Spain. **pedigree:** Combination of 12 US inbred lines, 6 Canada inbred lines and 20 F3 lines derived from commercial hybrids from Spain, Yugoslavia, and Argentina. **other id:** GP-123. **group:** CSR-SUNFLOWER. **remarks:** Restorer population for development of restorer inbred lines or continued recurrent selection in breeding programs. Plants branched. Resistant to downy mildew (*Plasmopara halstedii*). Maturity and agronomic characteristics vary widely. Oil seed content high. Annual. Breeding Material. Seed.